



Dart Aerospace Ltd.
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Hawkesbury, ON
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Tel (613) 632-5200

D5473-063
Job Sheet 174666



Part No: D5473-063

Job Qty: 2 ea

Part Name: Fuel Sender Assembly



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 3/20/18

Job Tracking No:

Due Date: 3/30/18

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: D5473 REV.A IPP REV:A 18.03.19 NEW ISSUE DD VERF:JFS

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	2 Ea		3/29/18	0.00	0.00	small Fab 1		APR 20 2018
100	Small Fab	2 pcs		3/30/18	0.00	0.50	Small Fab-2		
110	QC	2 pcs		3/30/18	0.00	0.00	QC5		PD 18-05-04
120	Packaging	2 pcs		3/30/18	0.00	0.00	Packaging3-2		
130	QC21-SA	2 Ea		3/30/18	0.00	0.00	QC21		

Part Op Descriptions: 100 - 1- ASSEMBLE AS PER DWG **REMOVE LABEL AS PER DWG NOTE10**

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
03-09-2032	Plug Housing	2 pcs (1 ea)	90-Start up Operation	5055403
143-219	Crimp Pin	6 Ea (3 ea)	90-Start up Operation	FM137942
D4025-3	Gasket	2 (1 ea)	90-Start up Operation	5060987
D5473-5	Fuel Sender	2 Ea (1 ea)	90-Start up Operation	5061004
D5473-7	Divide Module	2 Ea (1 ea)	90-Start up Operation	5042401
M81824/1-2	Splice	6 Ea (3 ea)	90-Start up Operation	5112691

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	03-09-2032	2	5	0
	143-219	6	23	0
	D4025-3	2	0	0
	D5473-5	2	0	0
	D5473-7	2	4	0
	M81824/1-2	6	38	0

Part Specifications

Specifications could not be found.

Plex 3/20/18 12:57 PM Dart.lajeunesse.marie

D5473-047

B# 5059449

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS			
Part No. _____		Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐
NCR No. _____		Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐
		Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐
		Large Fab ☐	Composite ☐	Supplier ☐	

Date : _____	Step #: _____	QTY Effective : _____	MRB (QSI042) Approval _____
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Description Work Order Deviation	Disposition	Completed By _____
		Supervisor rification _____
		Coordinator val _____

Root Cause Environment ☐ No Re-verification ☐ Design ☐ Operator ☐ Doc/Data ☐ Offset/Setup ☐ Equip/Tooling ☐ Supplier ☐ Handling/Pre ☐ Training ☐ Material ☐ Use for Testing ☐ Internal Transport ☐ Poor Information ☐ Tribal Knowledge ☐ Rushing ☐ LOA ☐ Product Improvement ☐ Substation ☐ Process Improvement ☐ Past Expiry Date ☐ Manufacturing Process ☐ Misidentified ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Temperature/Cure ☐ P Bending ☐ Set-up ☐ F Centre Not Concentric ☐ BOM/Route ☐ C Cracks ☐ Broken/Damage/Defect ☐ Crimp/Kink/Ripple/Wave ☐ Inspection Incomplete/Unqualified ☐ Cuffs ☐ Contamination ☐ Crushing ☐ Countersink ☐ Heat Treat ☐ Cut Too Short ☐ Wave/Twist in Tube ☐ Instructions Incomplete/Unclear ☐ Marks/Chatter ☐ Drill Holes ☐ OTHER : _____	Date: 04/20/18 Wrong nensions tolerance ict issing rning sequence
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Part: D5473-063
 Job No: 174666
 Serial No/Batch: S063214
 Revision: A
 Inspector: _____
 Container No: S063214
 DART AEROSPACE
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 Brampton, ON K6A 1K7
 Canada
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Tel (613) 632-5200

Container View (Active) - Master Unit Containers

Master Unit No	Container No	Part No	Part Name	From Container	Current Location	Quantity
002666	S063171	03-09-2032	Plug Housing	s055403	ST580	2
002666	S063174	143-219	Crimp Pin	fm137942	ST575	6
002666	S063170	D4025-3	Gasket	s060987	GA111	2
002666	S063209	D5473-5	Fuel Sender	s061004	GA111	2
002666	S042901	D5473-7	Divide Module	S042896	GA111	2
002666	S063169	M81824/1-2	Splice	f112691	ST567	6

Note: Ad hoc query view of Part.dbo.Container where Container.Active = 1.

Plex 4/20/18 9:59 AM dart.quirion.sonia

* Download Calibration File as per 7.0
cal - ~~850~~ D350-794-1 doc
by Ad

D130-794-199163.txt

vaReceived Command: VA

ALL Configuration Data MAIN MENU
Item#, Name, Current Value

→ 1, Model Name, TR-1-FL-D1
→ 3, Unit ID, 199163
→ 4, MFG Date, 20180201
5, Input Type, 2
6, Switch Input, 0
7, RS232 Output, 0
8, RS232 Input, 0
9, RS232 Baud Rate, 57600
10, RS232 Output Rate, 500
14, Backlight Type, 0
15, Photocell Low, 10
16, Photocell High, 2700
17, Pot Low, 9
18, Pot High, 424
19, Pot Low Threshold, 12
20, Digits Dim, 3.000000
21, Digits Bright, 60.000000
22, Dial Dim, 9.000000
23, Dial Bright, 80.000000
24, Constant, 800
25, LED Maximum, 100
26, LED Minimum, 5
33, TC Gain, 1.000000
34, TC Offset, 0.000000
36, TC Filter, 20
37, TC Dejitter, 3
38, Gain, 1.000000
39, Offset, 0.000000
40, Temp Comp, 0
41, Allow Neg, 0
42, Filter, 60
43, Dejitter, 3
44, Rounding, 0.500000
45, Decimal Plcs, 1
46, Zero Snap, 1.000000
47, KFactor, 0.000000
48, Map Enabled, 1
49, Freq at 100%, 0.000000
50, Spike Filter, 1200.000000
51, Ratiometric, 0
52, Raw Gain, 1.000000
53, Raw Offset, 0.000000
54, Pulse Speed, 1
55, Pulse Transition, 1000
56, Needle Hardstop, 286.000000
57, Needle Filter, 1000
58, Needle Dejitter, 3
59, BV Gain, 1.000000
60, BV Offset, 0.000000
61, BV Filter, 400
62, Needle Home, 45.000000
66, Extrapolation, 1
67, Map IN A, 3915.000000

68,Map OUT A,0.000000
69,Map IN B,3675.000000
70,Map OUT B,4.120000
71,Map IN C,3400.000000
72,Map OUT C,10.020000
73,Map IN D,3165.000000
74,Map OUT D,16.030001
75,Map IN E,2960.000000
76,Map OUT E,22.000000
77,Map IN F,2785.000000
78,Map OUT F,27.980000
79,Map IN G,2620.000000
80,Map OUT G,34.020000
81,Map IN H,2475.000000
82,Map OUT H,40.060001
83,Map IN I,0.000000
84,Map OUT I,0.000000
85,Map IN J,0.000000
86,Map OUT J,0.000000
87,Digit Value A,0.000000
88,Dial Deg A,45.000000
89,Digit Value B,40.000000
90,Dial Deg B,255.000000
91,Digit Value C,45.321999
92,Dial Deg C,270.000000
93,Digit Value D,0.000000
94,Dial Deg D,0.000000
95,Digit Value E,0.000000
96,Dial Deg E,0.000000
97,Digit Value F,0.000000
98,Dial Deg F,0.000000
99,Digit Value G,0.000000
100,Dial Deg G,0.000000
101,Digit Value H,0.000000
102,Dial Deg H,0.000000
103,Digit Value I,0.000000
104,Dial Deg I,0.000000
105,Digit Value J,0.000000
106,Dial Deg J,0.000000
107,LED1 Start A,0.000000
108,LED1 End A,0.000000
109,LED1 Start B,0.000000
110,LED1 End B,0.000000
111,LED1 Start C,0.000000
112,LED1 End C,0.000000
113,LED1 Start D,0.000000
114,LED1 End D,0.000000
115,LED1 Start E,0.000000
116,LED1 End E,0.000000
117,LED2 Start A,0.000000
118,LED2 End A,0.000000
119,LED2 Start B,0.000000
120,LED2 End B,0.000000
121,LED2 Start C,0.000000
122,LED2 End C,0.000000
123,LED2 Start D,0.000000
124,LED2 End D,0.000000
125,LED2 Start E,0.000000
126,LED2 End E,0.000000
127,Red Output Start A,0.000000
128,Red Output End A,10.000000
129,Red Output Start B,0.000000
130,Red Output End B,0.000000

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131,Red Output Start C,0.000000
132,Red Output End C,0.000000
133,Red Output Start D,0.000000
134,Red Output End D,0.000000
135,Red Output Start E,0.000000
136,Red Output End E,0.000000
137,Yellow Out Start A,0.000000
138,Yellow Out End A,30.000000
139,Yellow Out Start B,0.000000
140,Yellow Out End B,0.000000
141,Yellow Out Start C,0.000000
142,Yellow Out End C,0.000000
143,Yellow Out Start D,0.000000
144,Yellow Out End D,0.000000
145,Yellow Out Start E,0.000000
146,Yellow Out End E,0.000000

Version: TR-1 2.15
FW Tracking Number 7

Current Input Readings

Raw Input: 9300.0000
Before Mapping: 9300.0000
After Mapping: -92.4425
Displayed Value: 0.00 (after filter, dejitter and rounding)
Needle Degrees: 44.92

Bus Voltage: 27.62V
External Digital Input Pin: 1

Backlight Current Values

Backlight Control Type = 0 (Photocell)
Photocell Input: 1959
Pot Input: 0
Digit Output: 44.29
Illum Output 60.44

MAIN MENU, Press M for Menu

To SET a value: Type S followed by the item number and the new value.
[MAIN]>


```
CONFIG_START
1,Model Name,TR-1-FL-D1
5,Input Type,2
6,Switch Input,0
7,RS232 Output,0
8,RS232 Input,0
9,RS232 Baud Rate,57600
10,RS232 Output Rate,500
14,Backlight Type,0
15,Photocell Low,10
16,Photocell High,2700
17,Pot Low,9
18,Pot High,424
19,Pot Low Threshold,12
20,Digits Dim,3.000000
21,Digits Bright,60.000000
22,Dial Dim,9.000000
23,Dial Bright,80.000000
24,Constant,800
25,LED Maximum,100
26,LED Minimum,5
33,TC Gain,1.000000
34,TC Offset,0.000000
36,TC Filter,20
37,TC Dejitter,3
38,Gain,1.000000
39,Offset,0.000000
40,Temp Comp,0
41,Allow Neg,0
42,Filter,60
43,Dejitter,3
44,Rounding,0.500000
45,Decimal Plcs,1
46,Zero Snap,1.000000
47,KFactor,0.000000
48,Map Enabled,1
49,Freq at 100%,0.000000
50,Spike Filter,1200.000000
51,Ratiometric,0
52,Raw Gain,1.000000
53,Raw Offset,0.000000
54,Pulse Speed,1
55,Pulse Transition,1000
56,Needle Hardstop,286.000000
57,Needle Filter,1000
58,Needle Dejitter,3
59,BV Gain,1.000000
60,BV Offset,0.000000
61,BV Filter,400
62,Needle Home,45.000000
66,Extrapolation,1
67,Map IN A,3915.000000
68,Map OUT A,0.000000
69,Map IN B,3675.000000
70,Map OUT B,4.120000
71,Map IN C,3400.000000
72,Map OUT C,10.020000
73,Map IN D,3165.000000
74,Map OUT D,16.030001
75,Map IN E,2960.000000
76,Map OUT E,22.000000
77,Map IN F,2785.000000
78,Map OUT F,27.980000
```

79,Map IN G,2620.000000
80,Map OUT G,34.020000
81,Map IN H,2475.000000
82,Map OUT H,40.060001
83,Map IN I,0.000000
84,Map OUT I,0.000000
85,Map IN J,0.000000
86,Map OUT J,0.000000
87,Digit Value A,0.000000
88,Dial Deg A,45.000000
89,Digit Value B,40.000000
90,Dial Deg B,255.000000
91,Digit Value C,45.321999
92,Dial Deg C,270.000000
93,Digit Value D,0.000000
94,Dial Deg D,0.000000
95,Digit Value E,0.000000
96,Dial Deg E,0.000000
97,Digit Value F,0.000000
98,Dial Deg F,0.000000
99,Digit Value G,0.000000
100,Dial Deg G,0.000000
101,Digit Value H,0.000000
102,Dial Deg H,0.000000
103,Digit Value I,0.000000
104,Dial Deg I,0.000000
105,Digit Value J,0.000000
106,Dial Deg J,0.000000
107,LED1 Start A,0.000000
108,LED1 End A,0.000000
109,LED1 Start B,0.000000
110,LED1 End B,0.000000
111,LED1 Start C,0.000000
112,LED1 End C,0.000000
113,LED1 Start D,0.000000
114,LED1 End D,0.000000
115,LED1 Start E,0.000000
116,LED1 End E,0.000000
117,LED2 Start A,0.000000
118,LED2 End A,0.000000
119,LED2 Start B,0.000000
120,LED2 End B,0.000000
121,LED2 Start C,0.000000
122,LED2 End C,0.000000
123,LED2 Start D,0.000000
124,LED2 End D,0.000000
125,LED2 Start E,0.000000
126,LED2 End E,0.000000
127,Red Output Start A,0.000000
128,Red Output End A,10.000000
129,Red Output Start B,0.000000
130,Red Output End B,0.000000
131,Red Output Start C,0.000000
132,Red Output End C,0.000000
133,Red Output Start D,0.000000
134,Red Output End D,0.000000
135,Red Output Start E,0.000000
136,Red Output End E,0.000000
137,Yellow Out Start A,0.000000
138,Yellow Out End A,30.000000
139,Yellow Out Start B,0.000000
140,Yellow Out End B,0.000000
141,Yellow Out Start C,0.000000

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142, Yellow Out End C, 0.000000
143, Yellow Out Start D, 0.000000
144, Yellow Out End D, 0.000000
145, Yellow Out Start E, 0.000000
146, Yellow Out End E, 0.000000